

DEER CREEK AND TULE RIVER AUTHORITY  
REMOTE SENSING AND WATER BALANCE ANALYSIS MODEL

**ATTACHMENT 7: SCHEDULE**

The following schedule was prepared using the estimated amount of labor time it would take to complete each task, as identified in the Budget. Because the Project is essentially gathering existing data, analyzing and compiling, and preparing a model, there will not be any requirements to obtain environmental permits or other permits at this time. Therefore, the schedule is based upon the time it will take the consultant to complete each task.

**Potential Obstacles:**

Land Owner Access: There is no concern for land owner access as the Project includes only using aerial imagery and data provided by DWR.

Locating and Compiling Data: There are multiple different agencies that have historical data regarding groundwater within the Basin. Obstacles in locating and ground truthing past crop data to calibrate the model may be difficult, but talking with farmers, using aerial imagery, and coordination with local stakeholders will provide insight to complete the model.

**Proposed Schedule:**

Enclosed is the proposed Project Schedule for each task shown on the work plan and budget. There is overlap between different tasks. For instance, after the initial gathering of data is started, this data will begin to be compiled into the database and models are established. By having overlapping time between the tasks allows for the overall Project to be completed efficiently and within a reasonable time frame.

**ENCLOSURES:**

- Proposed Project Schedule

## **Deer Creek & Tule River Authority LGA Grant Application - Remote Sensing and Water Balance Analysis Model**

| <b><u>Proposed Project Schedule:</u></b>                | <b><u>Start Date:</u></b>   | <b><u>End Date:</u></b>     |
|---|-----------------------------|-----------------------------|
| <b><u>OVERALL PROJECT:</u></b>                          | <b><u>April 1, 2013</u></b> | <b><u>July 29, 2013</u></b> |
| Task 1: Develop Field Boundaries and Crop Assignments   | April 1, 2013               | April 29, 2013              |
| Task 2: NDVI Imagery Review, Selection, and Analysis    | April 1, 2013               | April 29, 2013              |
| Task 3: Develop Local Root Zone Model Parameters        | April 29, 2013              | May 6, 2013                 |
| Task 4: Configure and Run Model                         | May 6, 2013                 | June 3, 2013                |
| Task 5: Model Calibration and Validation                | June 3, 2013                | July 29, 2013               |
| Task 6: Identify and Prepare Specific Data Deliverables | July 29, 2013               | September 16, 2013          |
| Task 7: Phase 2 Initial Training and Management Set-up  | September 16, 2013          | November 11, 2013           |